

FUTURE EVENT CALENDAR

November 6	10:00 AM.	Board Meeting	UNISYS, Eagan (MACS)
November 13	7:00 PM.	Speaker, <i>ELECTION</i> , social time	UNISYS, Eagan (MACS)
December 4	10:00 AM	Board Meeting	UNISYS, Roseville
December 5	11:00 AM	Annul UNIVAC Old Timers' Reunion	Ft. Snelling O' Club
December 12	3:30 PM	Annual Christmas Dinner/Dance	Ft. Snelling O' Club
January tbd	tbd	1 st 2014 Board Meeting	tbd

NOVEMBER PROGRAM: Health Navigation!

November 13th, 7:00 PM at Eagan MACS:
 Denise Nelson, RN "Navigating your Health and Wellness in today's complicated medical world".

She will speak on "Future Trends in Healthcare and Nursing" focusing on educating the consumer on significant changes in healthcare including "Affordable Care", medical and technology advances, and the importance of the Patient Advocacy role in maintaining independence with a high quality of life.

Denise Nelson RN is a graduate from St. Catherine's College and has 20 years experience with Cardiac-Critical Care, Acute and Chronic care of the orthopedic patient and pain management at the U of M and at the TRIA Orthopedic Center. She has experience as a Transplant Coordinator and is currently on the board of the Southdale YMCA and is a member of Edina Professionals.

She founded "VIP Expert Nurse Consulting, LLC" based on her passion for helping seniors, or people lost in the medical system, that are confused and uncertain about their health choices and want professional guidance for living a healthier life. Her *Age in Place Healthy Living Plan* is designed and tailored to the individual to allow her/him to **remain in their home independently** with increased quality of life. Individuals can thrive in their home environment and community longer, with less interruption, stress and moving, and with lower costs.

We all know that the aging process doesn't deal all of us winning hands, nor does it deal losing hands.

Come and hear Denise's words for making the absolute best of the hand you've got.

AND before the program we will have the VIP Club election of your 2014 Officers and Board. Contact our Immediate Past President, Tom Turba, to nominate any Club member or yourself for our dynamic leadership positions!

DECEMBER PROGRAM: Christmas Dinner/Dance

The event planning committee met after the October newsletter went to press. Please Note: check in, hors d'oeuvres and cash bar will begin at **3:30 PM** – not 4 PM as printed last month. The event again will be at the Ft. Snelling Officers' Club. Their main event room seating is limited to ~100 people so we urge you to make early reservations. Reservation requests with your check of \$20 per person should be mailed to Warren Becker before December 3rd using the form on page 5.



- 3:30 PM – 4:30 PM Initial social time with name tag check in, hors d'oeuvres & cash bar.
- 4:30 PM – 5:30 PM Enjoy an elegant sit down dinner with salad, vegetable, your choice of entrée, and cherry pie ala' mode dessert.
- 5:30 PM – 8:00 PM Music for your listening and dancing enjoyment by a one man band, Mr. Lyndon Peterson.

Page 6 has GPS and driving directions.

PRESIDENT'S MESSAGE

From: Bob 'RC' Hanson

The October Directors meeting included discussions on many subjects. First - the Christmas Dinner / Dance menu will be Prime Rib, Chicken, or Walleye. The cost will be 20 dollars per person, same as last year. RSVP required. Second - the picnic we will again have it in Highland and provide a bus; also RSVP is required to insure that an accurate amount of food will be bought. Third - there is a need for volunteers to join the Board of Directors, the election is November 13th. Respectfully, Bob 'R C' Hanson, VIP Club President.

ANNOUNCEMENTS

December Newsletter Inputs: Members are invited to submit activity reports, IT Legacy articles, or jokes electronically to Chief Editor and Director, Joe Schwarz by November 7th. [jschwarz@isd.net]

Membership Renewal Time: If 2013 is in your newsletter electronic delivery Subject line or is printed after your name for US mail deliveries, your membership will expire on Dec. 31st this year. Page 5 has a blank membership/renewal form.

Innovation with Purpose – A 100 years of LM history book will be available free at upcoming events. See John Westergren's article "Centennial History Book" at the bottom of page 4.

Mark Your Calendar and plan to participate:

- November 13th, 7 PM: **VIP CLUB** election of the 2014 Board, nominations from the floor are in order for all Director, Officer, and volunteer positions.
- November 22nd, 11 AM: Annual UNIHOG/UNITURKEYs luncheon, (3 item menu choices, \$16 pp) at Casper's in Eagan. Contact Fred Vihovde, Jack Ross, or Lowell Benson by Nov. 15th for reservations – an advance 'eater' count is needed. See section 4.1 of <http://vipclubmn.org/LunchGroups.html> for the Unihogs/Uniturkeys history. *Page 6 has GPS and driving directions.*
- December 5th, 11 AM: Annual UNIVAC Old Timers' Reunion at the Ft. Snelling O' Club. Volunteer coordination help needed – contact Lowell.
- 2014 Dates; Volunteer Breakfast on April 16th, Roseville Good Old Days on April 25th, Annual Univac Old Timers Reunion on December 4th and Club Dinner/Dance on December 11th.

PERIODIC GROUPS

One breakfast group meets monthly at 8:00 a.m. on the 1st Thursday of each month at Joseph's Grill, 140

South Wabasha, [Wabasha and Plato] St. Paul. Phone at the Grill is 651-222-2435.

Another breakfast group meets monthly at 9:00 a.m. on the 2nd Wednesday of each month in Gina's Café at the Eagles Club, Old Hwy 8, in New Brighton. Phone of coordinator is 763-416-3903.

One Luncheon group - [engineering/drafting] meets monthly on the 1st Tuesday at 11:00 a.m. at the Old Country Buffet at 2000 S. Robert, in West St. Paul.

A Second Luncheon group [Unisys and Burroughs] meets monthly on the 2nd Tuesday at 11:30 a.m. at the Mall of America 3rd floor North Food Court. We sit at the tables between the elevator and Burger King. Coordinator phone is 952-854-7855.

A Third Unisys Luncheon group meets monthly on the 2nd Wednesday at 11:00 a.m. at the Old Country Buffet, Holly Shopping Center, located at University Ave. and Mississippi St. just north of I-694. Coordinator phone is 651-552-1465.

Dinner Club - A Unisys Dinner Club meets monthly, from September through April, on the 4th Wednesday at 5:00 p.m. at Champs located at 35E and Larpenteur Avenue.

NEW MEMBERS

Vaught, Sandy

Wyoming, MN

IN REMEMBRANCE



Bailey, Gordon D. - Age 88, passed away September 17th, 2013 at Knapp Medical Center in Weslaco, TX. Gordon is survived by his wife Olive Marolt. Gordon and Olive resided at John Know Village of Weslaco. Gordon retired from Sperry Univac in 1986 and was a VIP Club member.



Dornor, Douglas Paul - Age 84 of Green Valley, AZ. Passed away September 20th, 2013. Doug is survived by his wife of 56 years, Margaret. Doug, a USMC Veteran, was a manager in the old RemRand Univac Training Department, going back to old Plant 2 Guard Shack days. He opted to go with the Commercial side when Defense and Commercial split in the late 60s. A relocation to New Jersey followed where he remained and completed 15 years with the company before moving on. Doug was a truly larger than life character with an unstoppable sense of humor. He was

VIP Club November Newsletter

universally well liked and authentically respected. Hats off to the man, his family and a life well lived. Doug was also a long time VIP Club member.



Mack, Thomas William - Age 83 of New Brighton, MN. Thomas was a Navy veteran of the [Korean War](#) and attended NDSU in pursuit of an electrical engineering degree which he applied in his employment with

Unisys for nearly 35 years. Thomas was a long time VIP Club member.



Nunberg, Francis - Age 86, of Minnetonka, MN. Passed away peacefully on Tuesday, October 8th, surrounded by his loving family. Survived by his seven

children. Francis was a Unisys retiree and long time VIP Club member.



Peloquin, Roy - Passed away peacefully, surrounded by family, on September 12th, 2013 after a short battle with cancer. He is preceded in death by his wife, Delores. Roy was an accountant with Univac/Unisys, he retired in 1990. Roy was a long time

VIP Club member.

CONTACT DATA

Newsletter Editorial Staff:

Mail 'Letters to the Editor' to: VIP Club, 1486 Fairmount Ave, St Paul, MN 55105 or e-mail to vipclub2003@yahoo.com

Joe Schwarz - Chief Editor, jschwarz@isd.net
Brian Berggren - Editor, bbek@usfamily.net
Bernie Jansen - Editor, bjskj@msn.com
Richard Lundgren - Editor, rflundgr@aol.com
Don Naaktgeboren - Editor, donfishn@yahoo.com

2013 VIP Club Board:

Bob 'RC' Hanson	<i>President</i>	651-633-4259
Harvey Taipale	<i>Treasurer,</i>	651-748-5083
Frank King	<i>Secretary,</i>	651-774-0997
Keith Behnke	<i>Director,</i>	651-894-2182
Dale Phelps	<i>Director,</i>	952-831-7843
John Westergren	<i>Director,</i>	952-431-5868
Joe Schwarz	<i>Director,</i>	651-698-9698
Lowell Benson	<i>Vice President,</i>	651-483-3709
Tom Turba	<i>Past President,</i>	651-489-0779

Activity Coordinators:

CBI Liaison, Dick Lundgren – rflundgr@aol.com
Christmas Dinner, Warren Becker, wrbckr@aol.com
and Marion Scott, 651-455-7952

IT Legacy Committee, John Westergren - jwestergren@frontiernet.net

Mature Voices Minnesota, Brian Berggren – bbek@usfamily.net

Membership & Recreation Leagues, Keith Behnke – keithbhk@comcast.net

Picnic Coordinators, John W. and Keith B Programs, Dale Phelps – dphelps@usfamily.net

Roseville Good Old Days, Tom Turba – tturba@comcast.net

Sunshine Cards, Lynn Lindholm – Lynnlindholm@comcast.net

Volunteer Breakfast, Bernie Jansen – bjskj@msn.com
and Frank King – kingx063@umn.edu

Webmaster, Lowell Benson - labenson@q.com

Retirement Status and Benefits:

Unisys, 1-877-864-7972
Lockheed Martin, 1-866-562-2363

VIP CLUB Corporate Liaisons:

Unisys print shop – Judy Bornetun, 651-635-6792
Unisys, Roseville – Sue Carrigan, 651-635-7712
Unisys, Eagan – Kim Loskota, 651-687-2232

REPORT, WEB SITE REVIEW

This is the fortieth in the newsletter 'Article-for-the-Month' review series for the 20% of our 1,056 Club members without immediate internet access.

In July 2013 we posted [Semiconductors at UNIVAC](#) by Bernard 'Mike' Svendsen. This history paper was created by Mike at the request of Dr. Tom Misa, Director of the Charles Babbage Institute (CBI) at the University of Minnesota with great inputs from Larry Bolton, Ralph Kerler, David Kirkwood, and Richard 'Dick' Petschauer – formatting for the web by Lowell.

This paper describes the highlights, interactions and changes that occurred between the Semiconductor Industry and Univac during the 50 years after the invention of the transistor. In its 30 pages it shows how and what semiconductors were used in the Military and Commercial Divisions of Univac. The availability issues generated from the rapidly changing technology combined with Univac's diverse customer base required unique procurement and engineering solutions. An in-house facility was created in the 80's but was short lived.

Supporting documents (memos, charts, data, brochures, publications, articles and presentations) are contained in six loose leaf binders. Two additional binders contain photographs of devices which give visual evidence of the transition of semiconductors from their invention to become one of the greatest technologies of the century.

During 60 years, semiconductor technology has gone from a single gate to over a half million

VIP Club November Newsletter

equivalent gates in a device, with no end in sight. Gordon Moore's prediction was right on! Univac has been involved in all aspects of the technologies growth and contributed significantly to its becoming a mature industry. It was very exciting and rewarding to be involved and I hope this paper has given the readers an overview of the Univac participation.

I want to pay tribute to all those people at Univac and our vendors who helped make semiconductors one of the major technologies of the century. It is amazing that semiconductors are this successful considering their shaky beginning.

I have compiled over 600 documents, memos, presentations, and actions from this time period which are listed in Appendix A. They will be archived along with this document at CBI at the University of Minnesota. *Bernard N. "Mike" Svendsen*

In August 2013 we posted [Ocean Surveillance](#) - 2013 is the **GOLDEN ANNIVERSARY** of our IT Legacy involvement with the Navy and Lockheed Martin in the airborne **Anti-Submarine Warfare** systems engineering, software, and hardware production. These airborne systems capabilities have transitioned to Ocean Surveillance systems as the cold war Soviet threat lessened in the late 80s and early 90s. The cooperation between UNIVAC/Sperry/UNISYS and Lockheed Martin in the development of an airborne Anti-Submarine Warfare (ASW) capability for the U.S. Navy was a 'quiet' part of our Twin Cities' IT Legacy.

Our IT legacy began with Engineering Research Associates (ERA) in 1946 in St. Paul Minnesota – continues today at Unisys, Roseville and the Lockheed Martin Air Traffic Management site in Eagan.

- UNIVAC, St. Paul [predecessor of LMCO, Eagan] experiences began in **1963** when we were contracted to deliver a modified airborne ADD 1000 computer (CP-754) to Naval Air Development Center (NADC) as the first digital mission computer project. We were also contracted to do the first mission software.

- In June **1965** we delivered the CP-823U, an NTDS software compatible airborne computer, and an AN/USQ-20A for compiler and software support.

- In September **1967** we shipped the 1st CP-901 computer to NADC - S/N 499 shipped in **1992**, a 25-year AN/ASQ-114 systems production run! In the early 90's we began a program for the Navy to replace the CP-901s (DTL integrated circuit technology) with CP-2044s (embedded microprocessor technology.)

- We developed P-3C ASW software at St. Paul, MN; Johnsville, PA; Patuxent River, MD; and Burbank, CA.

- Art Francis spent virtually all of his career programming and/or managing projects of this business arena, his career summary is in the paper.

- Five slides by Les Nelson depict 40 years of LMCO/Eagan P-3C **Anti-Submarine Warfare** experience, 1962 => 2001 - slides provided.

- We included a summary of the LMCO aircraft used by the Navy, including the carrier based S3A and Canadian forces CP-140, written by Sherm Mullen.

- In **2012** there were still 40 CP-901s flying on Japanese P-3C search & rescue missions according to Bob Pagac, retired LMCO program manager. A 45+ year hardware design life! Summaries by *LABenson*

REPORTS, ACTIVITIES

Correction: Last month's Out and About tidbit should be at 'Centennial Lakes Amphitheatre' not 'Lake Calhoun.' OOPS, *LABenson*

Legacy Committee Report:

- In the September 'Article for the Month' we wrote: If you ever flew in a P-3C or S3A or S3B or CP-140 airplane, let us add your name to the *flying programmers* list. Feedback from Tom Bayless is: "I have several candidates for the Flying Programmer Club although they didn't fly on ASW aircraft. Lauren Cady, John Bezdicek and Ken Nelson all flew debug missions on the Big Look Aircraft [a modified P-3.] Lauren and John flew on the RIVET JOINT aircraft along the Iron Curtain to test out the radar intercept system capable of measuring the characteristics of very closely guarded radars used by the Soviets when aircraft attempted to enter 'their' airspace. Lauren 'flew' on the PHM-1 to test a radar intercept system used against surface ships and actually got the Soviets 'fishing trawler' to turn on certain surface radars that the US had not seen before. He told us later that the ride would not be for anyone with a weak stomach."

- **UNIVAC's London Development Center:** 494s, 1108s, 1110s, Airline Reservation Systems, AMEX, Exec-8, RTOS (Real Time Operating System), STARS and Minnesotans overseas are all part of a brief history paper [1968-75] written by Arlyn Solberg. Arlyn is a former Airlines Operations and UNISYS, Roseville employee, now retired. We've posted his paper on our web site as the November 'Article for the Month',

http://vipclubmn.org/Articles/LondonDevCenter_v13.pdf.

Centennial History Book

Lockheed Martin has published and made available *Innovation With Purpose, Lockheed Martin's First 100 Years*. It is filled with stories and images that

VIP Club November Newsletter

chronicle the company's heritage over its first 100 years. To order from the company, go online to <http://lockheedmartinstore.3dcartstores.com/> and pay \$8 for shipping & handling.

Or the VIP Club has 400 copies for pickup on a first come, first served basis for any upcoming Club events, lunches, or programs so if you'd like some copies

contact John Westergren, 952-358-1174(c) or at jwestergren@pda-engineering.com and he'll work with you to get the necessary copies to you.

The books are going fast; so if you want to save \$8, come to a Club event. Once our 400 are gone, they will have to be ordered from the company's website.

*****C*U*T**H*E*R*E*****

CHRISTMAS PARTY: SIGN UP NOW

Please reserve, at \$20.00 each ___ place(s) for the Annual VIP Club Christmas Party & Dinner being held on Thursday, **December 12, 2013 at the Fort Snelling Officers' Club**. Send in your reservations now, since seating is limited. Your form and check must be received by Dec. 2nd. If your reservation is for more than two persons, please attach a list of the added names and you'll be seated together at a reserved table.

Full Name: _____

Address _____

Full Name: _____

Address _____

Check here () if you have attached ___ additional names.

Entrée selection(s) & Qty: Prime Rib ___; Chicken ___; or Walleye ____.

Make your checks payable to: **VIP CLUB**

Mail to: Warren Becker #401
9401 Lyndale Ave South
Bloomington, MN 55420

MEMBERSHIP RENEWAL FORM

If the address block of your Newsletter shows 2013 after your name or if the subject line of your Enews notification shows member list 2013, your Club membership and Newsletter subscription will expire on December 31st, 2013

C*U*TH*E*R*E*****



FORM, MEMBER RENEWAL / APPLICATION FORM:

Dues are: \$7.00, 1 year ___ or \$ 18.00, 3 years ___.

Member (≥55) __, or Associate (<55) __: Address Change __, New __, Renewal __

Name _____ First _____ M.I. _____ Spouse's Name _____

Street Address or P.O. Box _____ City _____ State _____ Zip Code _____

(____) _____ - _____ @ _____ . _____

Primary Telephone Number _____ E-mail address _____

Newsletter delivery preference is: Electronic (DSL or faster recommended) ___ or U.S. Mail ___.

Employer is/was: UNISYS __, Lockheed Martin __, and/or predecessor company _____.

Include my data in the Club's Directory? Yes __ No __. *DIRECTORY is only available to Members and Associates*

MAIL THIS FORM WITH YOUR CHECK TO: VIP Club P.O. Box 131748 Roseville, MN 55113-0020

VIP CLUB

Established in 1980

P.O. BOX 131748

ROSEVILLE MN 55113-0020

DIRECTIONS TO ACTIVITY SITES

Car-pool if possible to all events or contact a board member for possible 'ride-with' suggestions.

Directions to Unisys MACS in Eagan: Set your GPS unit to Eagan MN, 3199 Pilot Knob Road. From Hwy 35E take the Pilot Knob Road exit ramp. Then go north on Pilot Knob Road about ½ mile to Tower View Road. We use the Unisys north parking lot and the visitor entrance thereby.

Directions to the Officers' Club: Set your GPS unit to St Paul MN, 5512 Post Road, The Club is located on a service road off of Minnesota Highway 5, at the east side of the MSP airport. Take the Hwy 5 Post Road Exit at the southeast corner of the airport, go east then follow the signs to the Officers' Club. There is ramp access to the building and handicapped parking on the upper level.



Directions to Casper's [651-454-6744]: Set your GPS to Eagan MN, 4625 Nicols Road, From I35E, take the Cliff Road exit and go west to Nicols, turn left. From Cedar Ave, take the Cliff Road exit, go east to Nicols, then turn right.



Directions to the Lawshe Museum in

South St. Paul: Set your GPS unit to South Saint Paul, 130 Third Avenue. From the Roseville area, take Hwy 36 to I-35E south toward downtown St. Paul. Get into the left lane then take the I-94/Hwy 52 left exit to merge onto Hwy 52 going south. 3.4 miles later, take the Butler Ave exit and turn left. Go 0.7 mi and turn right onto MN156 S. After 1.8 mi, turn right onto Grand Ave. W – Drive up the hill a block and turn left, the parking lot is then 400 ft. on the left. From the Eagan area, take I494 toward the Mississippi river then take exit #65 onto 7th Ave. Turn left and drive a mile to South view Blvd, turn right at the light. After 0.3 mi, turn left onto 3rd Ave – the museum parking lot is then 0.2 mi on the right. .

